South Pacific Divisioin Planning Workshop

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Tijuana River

Watershed Feasibility Study and Strategy

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Overview

- Watershed: General Description
- Difficulties Preparing PMP
- Current PMP Development Strategy
- Comments/Suggestions

Watershed: General Description

- Southern California and Northern Mexico
- Over 1700 square miles
- Contains four dams
- Many maquilladoras
- Rapid population increase
- Degraded wetland/estuary

Tijuana River
Watershed
U.S.
Mexico

Tijuana Region

3-D View
with Superposition of SPOT Image

Difficulties Preparing PMP

- Defining study scope
- Changing sponsor(s)
- Balancing financial resources with desired outputs
- Incorporating/addressing other interest group concerns

Difficulties Preparing PMP

- Complex/unorganized network of interested parties
- Information not centralized
- Need to gather and organize available information to adequately define scope

Current PMP Development Strategy

General Development Goals

- Focus on Customer needs
  - Let the sponsor tell us what they want done
  - Screen sponsor's desires with Corps abilities
  - Add Corps requirements
  - Add other interest's desires (w/ sponsor's concurrence)
- Coordinate, Coordinate, Coordinate
- Review, Revise, Review

Current PMP Development Strategy

Goals: San Diego County –

Organize a Watershed Program

- Establish Management and Administration functions
- Invite participation from:
  - Governmental organizations
  - Land owners
  - Interest groups
- Gather/organize data from participants
- Analyze data
- Prepare Watershed goals and strategies
- Document a Watershed Management Plan

Current PMP Development Strategy

Goals: San Diego County Water Authority – **Infrastructure Analysis**

- Identify potential conjunctive uses for:
  - Treated water
  - Rainfall runoff
  - Imported water
- Identify potential multipurpose groundwater storage
  - Determine hydrogeologic characteristics of aqueduct system
  - Determine potential sites to:
    - Improve ground and surface water
    - Recover and treat brackish groundwater
    - Replenish aquifer(s)
    - Develop other conjunctive uses

Current PMP Development Strategy

"Perform the Feasibility Study in Two Phases"

Current PMP Development Strategy

- Phase One
  - Organize a Bi-national Watershed Advisory Committee
  - Identify and invite stakeholder participation
  - Inventory gathered and referenced information
  - Analyze data
  - Develop watershed goals and strategies
  - Prepare a draft Watershed Management Plan
  - Prioritize and re-evaluate scope,
  - Revise PMP focused on specific objectives
  - Recommend Spin-off studies

Current PMP Development Strategy

- Phase Two
  - Continue Bi-national Watershed Advisory Committee
  - Report to and coordinate with stakeholders
  - Create and update additional required information
  - Inventory new information
  - Analyze data
  - Revise watershed goals and strategies
  - Prepare a final Watershed Management Plan
  - Recommend Spin-off studies

Comments/Suggestions

- What do you think of the overall direction?
- What do we need to included in the study? Are there blaring holes?
- How might the two phased approach be melded with the our standard milestones?
- How can we ensure successful watershed studies are completed when scopes can be so broad and information so scattered?